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**PRE-APPEAL BRIEF REQUEST FOR REVIEW**

Docket Number (Optional) P16828

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)]

on September 6, 2005

Signature \_\_\_\_\_

Typed or printed

name Edith Martin

Application Number

10/674,886

Filed: September 30, 2003

First Named Inventor: Hyunjun Kim

Art Unit 2841

Examiner: Norris, Jeremy C.

Applicant requests review of the final rejection in the above-identified application. No amendments are being filed with this request.

This request is being filed with a notice of appeal.

The review is requested for the reason(s) stated on the attached sheet(s):

Note: No more than five (5) pages may be provided.

I am the

☐ applicant/inventor.☐ assignee of record of the entire interest.  
See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed.  
(Form PTO/SB/96)☒ attorney or agent of record.  
Registration number 40,928☐ attorney or agent acting under 37 CFR 1.34.

Registration number if acting under 37 CFR 1.34 \_\_\_\_\_

Signature

Patrick J. Buckley

Typed or printed name

(203) 972-0191

Telephone number

September 6, 2005

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 3 forms are submitted.

This collection of information is required by 35 U.S.C. 132. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11, 1.14 and 41.6. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent

**FILED UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP ART UNIT 2841**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: KIM et al.

Application Serial No.: 10/674,886

Filing Date: September 30, 2003

For: FLOATING TRACE ON SIGNAL  
LAYER

)  
) Group Art Unit: 2841  
)

) Examiner: Norris, Jeremy C.  
)

) **Reason(s) for Requesting a Pre-Appeal  
Brief Review**  
)

) Attorney Docket No.: P16828  
)

) **PTO Customer Number 28062**  
) Buckley, Maschoff & Talwalkar LLC  
) Five Elm Street  
) New Canaan, CT 06840  
)  
)

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8**

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Dated: September 6, 2005 By:

  
Edith Martin

Mail Stop After Final  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request a Pre-Appeal Brief Review for the reason(s) that begin on page 2 of this paper.

## REASON(S) FOR REQUESTING A PRE-APPEAL BRIEF REVIEW

The pending claims stand finally rejected under 35 USC 102 and/or 103 as being unpatentable in view of US Patent No. 6,172,305 ("Tanahashi"). Because Tanahashi fails to disclose a feature recited in all of the pending claims, reversal of the final rejection is respectfully requested.

The pending claims recite "a first voltage plane," "a signal layer on one side of the first voltage plane," and "a second voltage plane on the other side of the first voltage plane." That is, the signal layer and the second voltage plane are on opposite sides of the first voltage plane. Moreover, the claims recite "a plurality of floating microstrip line traces on the signal layer, wherein each microstrip line is ... electrically connected to the second voltage plane."

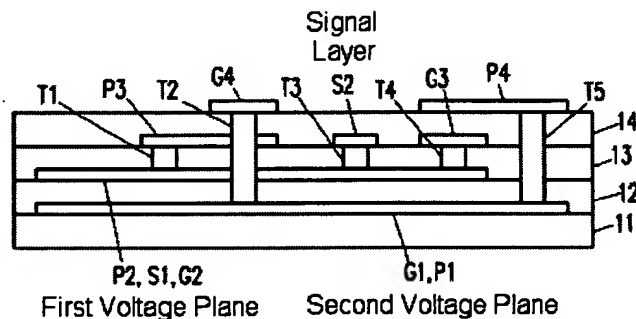
According to the Office Action, Tanahashi discloses in FIGS. 1A through 1C:

a first voltage plane (12, comprising P2, S1, G2);

a signal layer (13, comprising S2); and

a second voltage plane (11, comprising G1, P1).

Thus, labeling FIG. 1B of Tanahashi:

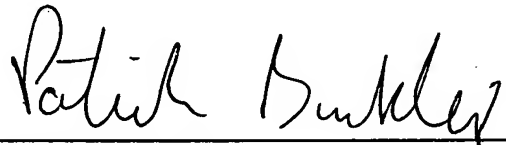


While the signal layer and the second voltage plane are on opposite sides of the first voltage plane (as recited in the pending claims), P3 and G3 (treated as microstrip lines in the Office Action) are not "electrically connected to the second voltage plane" as recited in the pending claims. Rather, T1 and T4 electrically connect P3 and G3 to what is treated as the first voltage plane in the Office Action.

Moreover, Applicants respectfully suggest that the other embodiments disclosed in Tanahashi suffer from a similar deficiency.

Accordingly, Applicants respectfully request that the final rejection be reversed. If any issues remain, or if the Examiner has any further suggestions for expediting allowance of the present application, the Examiner is kindly invited to contact the undersigned via telephone at (203) 972-0191.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Patrick Buckley", written over a horizontal line.

September 6, 2005  
Date

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